Home Theatre System



4 Remove WALL MOUNT TEMPLATE.

5 Hang the bar speaker on the screws.

Align the holes on the rear of the bar speaker

When sticking WALL MOUNT TEMPLATE, smooth it out fully.

Mounting the Surround Speakers on a

speaker that is suitable for the wall mount

<u>\\\\\\</u> 4 mm

++ 4.5 mm

10 mm

Hole on the rear of

The screw should protrude as in the illustration.

6 mm to ()

3 Hang the surround speaker on the screw.

speaker with the screw, then hang the

surround speaker on the screw.

Align the hole on the rear of the surround

7 mm

the surround speaker

hole on the rear of the surround speaker.

More than 30 mm

2 Fasten the screw into the wall.

1 Prepare a screw (not supplied) for each

with the screws, then hang the bar speaker on

HT-S20R

About These Operating Instructions

- The instructions in these Operating Instructions describe the controls on the remote control. • Some illustrations are presented as conceptual drawings, and may be different from the actual products.
- The default settings are underlined on each feature description
- Characters in brackets [] appear in the front panel display or on the TV screen.

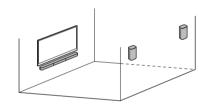
Installation and Connection

Connecting a TV with an HDMI Cable and/or Optical Cable

Refer to Startup Guide (separate document).

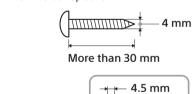
Mounting the Bar Speaker and Surround Speakers on a Wall

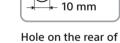
You can mount the bar speaker and surround speakers on a wall.



- Prepare screws (not supplied) that are suitable for the wall material and strength. As a plasterboard wall is especially ragile, attach the screws securely in the wall beam. Install the speakers horizontally, hung by screws in studs in a continuous flat section of the wall.
- Have the installation done by a Sony dealer or licensed contractor and pay special attention to safety during the • Sony shall not be held responsible for accidents or damage caused by improper installation, insufficient wall strength,
- improper screw installation or natural disaster, etc. Mounting the Bar Speaker on a Wall

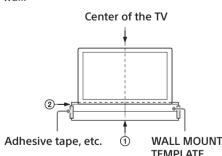
1 Prepare two screws (not supplied) that are suitable for the wall mount holes on the rear of the bar speaker.





the bar speaker

2 Stick WALL MOUNT TEMPLATE (supplied) on a

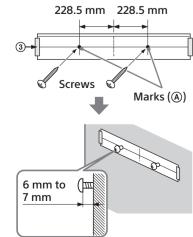


TEMPLATE with the center line of your TV.

2 Align TV BOTTOM LINE (2) of WALL MOUNT TEMPLATE with the bottom of your TV, then stick WALL MOUNT TEMPLATE on a wall by using a commercially available adhesive tape,

1 Align TV CENTER LINE (1) of WALL MOUNT

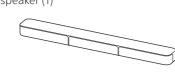
3 Fasten the screws into the marks (A) on SCREW LINE (③) of WALL MOUNT TEMPLATE as in the illustration below



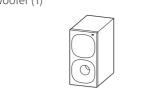
The screw should protrude as in the illustration.

Parts and Controls

What's in the Box • Bar speaker (1)



• Subwoofer (1)



• Surround speaker (2)



• AC power cord (mains lead) (1) (the shape of the plug differs depending on countries/regions)



• Optical digital cable (1)



• Startup Guide



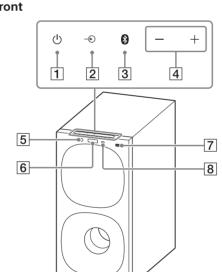


Guide to Parts and Controls

Details are omitted from the illustrations

Subwoofer

Front



1 (power) button Turns on the system or sets it to standby

2 → (input select) button

3 BLUETOOTH button

4 +/- (volume) buttons

5 BLUETOOTH indicator Lights in blue: BLUETOOTH connection has

been established.

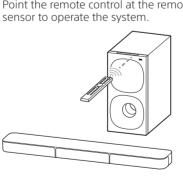
- Flashes slowly in blue repeatedly: BLUETOOTH connection is being attempted. Flashes twice in blue repeatedly: During

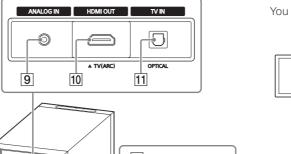
6 Front panel display

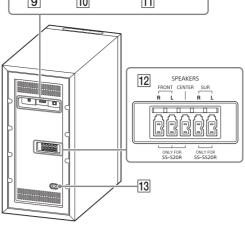
pairing standby status.

7 ⊈(USB) port 8 Remote control sensor

Point the remote control at the remote control





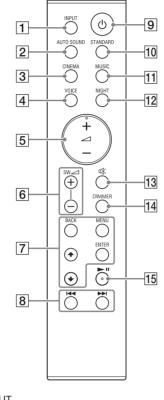


9 ANALOG IN jack

10 HDMI OUT (TV (ARC)) jack Connect a TV that has an HDMI input jack with an HDMI cable. The system is compatible with Audio Return Channel (ARC). ARC is the function that sends TV sound to an AV device such as the system from the TV's HDMI jack. 11 TV IN (OPTICAL) jack

12 SPEAKERS jacks 13 AC inlet

Remote Control



1 INPUT Selects the input source. Each time you press INPUT, the input source changes cyclically as follows. $[TV] \rightarrow [ANALOG] \rightarrow [BT] \rightarrow [USB]$ 2 AUTO SOUND

Selects AUTO SOUND for the sound mode.

Selects CINEMA for the sound mode 4 VOICE

Turns on/off the voice mode 5 ∠ (volume) +*/-

diusts the volume 6 SW ∠ (subwoofer volume) +/-

7 MENU Turns on/off the menu in the front panel

display. **1**/₹ Selects the menu items. Selects the content on the TV screen for USB playback.

ENTER Enters the selection. Plays the content that is selected by ♠/♦ for USB playback.

Returns to the previous display. Stops USB playback.

8 ► (previous/next) Selects the previous/next track or file. Hold down to search backward or forward for USB playback

9 (power) Turns on the system or sets it to standby

mode

10 STANDARD Selects STANDARD for the sound mode.

11 MUSIC

Selects MUSIC for the sound mode. 12 NIGHT

Turns on/off the night mode.

13 × (muting) Mutes the sound temporarily.

14 DIMMER Adjusts the brightness of the front panel display and BLUETOOTH indicator. Each time you press DIMMER, the brightness

Pressing the button while muting cancels

setting changes cyclically as follows $[BRIGHT] \rightarrow [DARK] \rightarrow [OFF]$ The front panel display and BLUETOOTH

indicator light up in the following statuses even if you set the brightness setting to [OFF]. - When operating the system

 For 10 seconds after you stop operating the — When displaying the system status, such as

mute, Auto Standby, etc. 15 ► II (play/pause)*

Plays, pauses, or resumes playback.

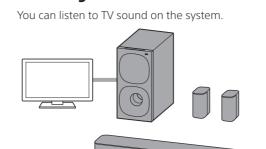
* The ∠ + and ► II buttons have a tactile dot. Use it as a guide during operation

About the replacement of batteries for the remote contro When the system does not respond by operating with the remote control, replace two batteries

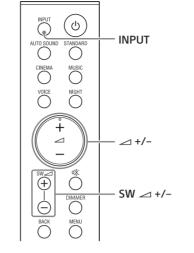
with new batteries. Use R03 (size AAA) manganese batteries for replacement

Listening to Music/Sound

Listening to a TV



When Connecting to a TV with an HDMI Cable (ARC) or Optical Digital



1 Press INPUT repeatedly to select [TV] in the front panel display.

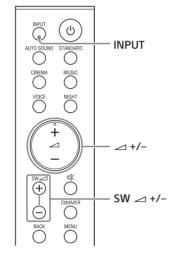
2 Adjust the volume.

 Adjust the subwoofer volume by pressing SW → +/- on the remote control

• When you connect the TV to both the HDMI OUT (TV (ARC)) and TV IN (OPTICAL) jacks, the jack for audio input is selected depending on which audio signal is input first. • When the input source does not contain much bass sound, such as in TV programs, the bass sound from the subwoofer may be difficult to hear.

You can also select the input by pressing
on the

When Connecting to a TV with a Stereo Mini Cable



1 Press INPUT repeatedly to select [ANALOG] in the front panel display.

2 Adjust the volume.

 Adjust the subwoofer volume by pressing SW → +/- on the remote control

When the input source does not contain much bass sound, such as in $T\dot{V}$ programs, the bass sound from the subwoofer may be difficult to hear.

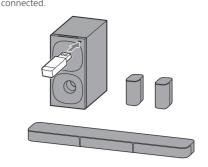
You can also select the input by pressing

on the

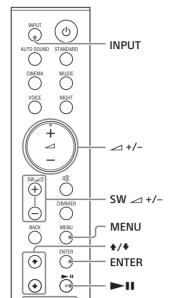
Listening to Music on a USB Device

You can play music files stored on a connected USB device.

 \bullet To view the USB content list on the TV screen, make sure you connect the system to the TV using an HDMI cable. • Change the input of the TV to the input to which the system



Listening to Music on a Connected USB



1 Connect the USB device to the \(\frac{1}{2}\) (USB) port



2 Press INPUT repeatedly to select [USB] in the front panel display.

[READ] appears in the front panel display and the system starts reading data of the USB device. When the reading of data is completed the USB content list appears on the TV screen.

3 Press **★**/**▼** to select the content you want, then

press ENTER. The selected content starts playing.

4 Adjust the volume. remote control.

Adjust the subwoofer volume by pressing SW

 \angle +/- on the remote control.

When the input source does not contain much bass sound such as in TV programs, the bass sound from the subwoofer

To select the play mode such as repeat play or random play, from the

1 Press MENU.

The menu item appears in the front panel display

2 Select [USB] – [REPEAT] by using ◆/◆/ENTER. 3 Select the play mode by using ◆/◆/ENTER.

• [OFF]: Repeats off. Plays back all tracks.

• [ONE]: Repeats one track. • [FOLDER]: Repeats all tracks in a current

• [RANDOM]: Repeats all tracks in a current

folder in random order.

• [ALL]: Repeats all tracks. **4** Press MENU to turn off the menu.

Other operations

То	Do this
Pause or resume playback	Press ►II.
Select the previous or next track	Press ► /►►.
Search backward or forward (rewind/fast	Press and hold I◄◄ /▶►I.

3 Bit rate

4 Playback status

• [Device Not Support]

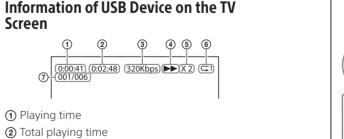
[Waiting]

6 Play mode

⑤ Rewind/fast forward speed

• Do not remove the USB device during operation. To avoid data corruption or damage to the USB device, turn the system off before connecting or removing the USB device. • [INVALID USB] appears in the front panel display if you • Depending on the file format, rewind and fast forward may

Information of USB Device on the TV Screen



The following messages appear on the TV screen depending on the status of the USB device.

• [File Unsupported] Appears for 2 seconds at the bottom left side when an unsupported file is skipped.

Selected file index/Total files in the folder

 A USB device is not supported. - Device inserted is a non-USB device, a bad USB device, or a USB device that has no files • [No USB]

• [This device is empty] There are no playable files in the USB device.

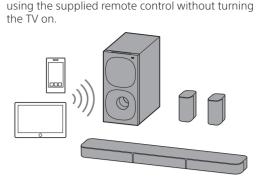
No USB device is inserted.

• Depending on the playback source, some information may • Depending on the play mode, the information displayed

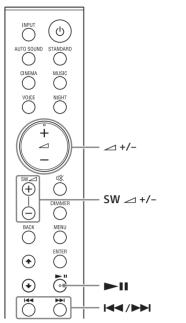
The system is searching the USB device.

Listening to Music from a Mobile Device with the BLUETOOTH Function

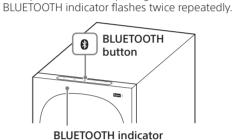
You can listen to music stored on a mobile device such as a smartphone or tablet via a wireless connection by connecting the system and the mobile device with the BLUETOOTH function. When connecting to the mobile device with the BLUETOOTH function, you can operate by simply



Pairing with a Mobile Device



1 Press and hold the BLUETOOTH button on the subwoofer for 2 seconds. The system enters the pairing mode and the



The list of the BLUETOOTH devices that are searched appears on the screen of the mobile For the operation method to pair the BLUETOOTH device to the mobile device, refer to the operating instructions of the mobile

2 On the mobile device, search for the system

by performing the pairing operation.

3 Pair the system and mobile device by selecting "HT-S20R" from the list on the screen

If a passkey is requested, enter "0000." **4** Make sure that the BLUETOOTH indicator on the subwoofer lights in blue.

device has been established. **5** Start audio playback with the music app on

the connected mobile device. Sound is output from the system. 6 Adjust the volume

of the mobile device.

remote control. Adjust the subwoofer volume by pressing SW → +/- on the remote control. • ▶II and I◀◀/▶▶I on the remote control

can be used for the BLUETOOTH function.

(Searching backward or forward by holding down **I** does not work.)

• You can pair up to 10 BLUETOOTH devices. If an 11th BLUETOOTH device is paired, the oldest connected device will be replaced by the new one. • Perform pairing for the second and subsequent mobile

• When the input source does not contain much bass sound,

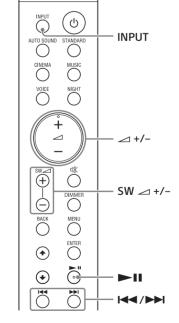
such as in TV programs, the bass sound from the subwoofer may be difficult to hear. • You can check the connection status of the BLUETOOTH function by checking the BLUETOOTH indicator status.

• While the BLUETOOTH input is being selected, the system

enters the pairing mode by pressing the BLUETOOTH

Listening to Music of the Paired **Mobile Device**

button on the subwoofer shortly.



1 Turn the BLUETOOTH function of the mobile device to on.

2 Press INPUT repeatedly to select [BT] or press the BLUETOOTH button on the subwoofer The BLUETOOTH indicator flashes and the system automatically reconnects to the BLUETOOTH device it was most recently connected to.

lights in blue A connection between the system and mobile device has been established. 4 Start audio playback with the music app on

3 Make sure that the BLUETOOTH indicator

the connected mobile device. Sound is output from the system **5** Adjust the volume

 \angle +/- on the remote control. • ► II and I I on the remote control can be used for the BLUETOOTH function. (Searching backward or forward by holding down ► does not work.)

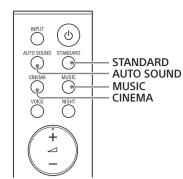
When the input source does not contain much bass sound. such as in TV programs, the bass sound from the subwoofer

• Adjust the subwoofer volume by pressing SW

Enjoying the Sound Effect that is Tailored to Sound Sources (Sound Mode)

Adjusting the Sound

You can easily enjoy pre-programmed sound effects that are tailored to different kinds of sound sources.

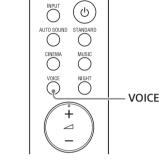


Press AUTO SOUND, CINEMA, MUSIC, or STANDARD to select the sound mode. The selected sound mode appears in the front

Front panel display	Explanation
[AUTO SOUND]	You can enjoy the sound with Sony-recommended sound mode. The sound mode is automatically optimized according to playback content and function.
[STANDARD]	Sound effects are optimized for the individual source.
[CINEMA]	Sounds are played back with surround effects, and they are realistic and powerful, making them suitable for movies.
[MUSIC]	Sound effects are optimized for listening to music.

Making Dialogs Clearer (VOICE) You can make dialogs clearer by setting the voice

[Vo.OFF]



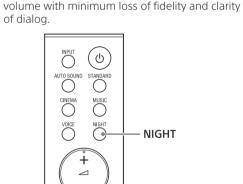
Front panel Explanation [Vo.ON] The sound of voice is

Off.

emphasized.

Press VOICE to set the function to on or off.

Enjoying Clear Sound with Low Volume at Midnight (NIGHT) You can compress sound in accordance with the information contained in the content by setting the night mode to on. Sound is output at low



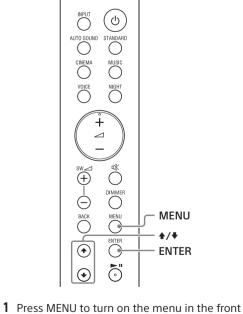
Press NIGHT to set the function to on or off.

Front panel display	Explanation
[N.ON]	The sound is compressed in accordance with the information contained in the content.
[N.OFF]	Off.

Checking the Current Sound Settings

When you turn the system off, the night mode is set to off

You can check the settings of the sound, night, and voice modes and current stream information.



panel display. 2 Press ◆/◆ to select [CURRENT STATUS], then press ENTER.

3 Press **▼** repeatedly to select the item you want. The current setting appears in the following

Stream Information The current setting appears in the reverse order by pressing **↑**. 4 Press MENU to turn off the menu.

Sound mode → Voice mode → Night mode →

You can set the following items on the menu.

- Your settings are retained even if you disconnect the AC power cord (mains lead). 1 Press MENU to turn on the menu in the front panel display.
- 2 Press ◆/◆/ENTER repeatedly to select the item and setting you want.
- To return to the upper layer, press BACK.

3 Press MENU to turn off the menu.

Items		Function
[CURRENT STATUS]	[AUTO SOUND]/ [STANDARD]/[CINEMA]/ [MUSIC] [Vo. ON]/[Vo.OFF] [N.ON]/[N.OFF]	These items are not the setting menu items.
	[NO INFO.]/[LPCM]/ [DOLBY DIGITAL]	-
[SPEAKER]	[MULTI SPEAKER]	You can set the output of the speakers of the system. • [ON]: The sound is output from all the speakers, regardless of the number of audio channels for the playback source. • [OFF]: The sound is output from the speakers that correspond to the audio channel for the playback source.
	[SUR.L.DISTANCE]/ [SUR.R.DISTANCE]	[3.0M]: Adjusts the distance from the seating position to the surround speaker (left or right) from 1.0 meter to 6.0 meters (0.1 meter intervals).
	[SUR.L.LEVEL]/ [SUR.R.LEVEL]	[0.0]: Adjusts the sound level of the surround speaker (left or right) from -6.0 dB to +6.0 dB (0.5 dB intervals). Note
	[TEST TONE]	Be sure to set [TEST TONE] to [ON] for easy adjustment. • [ON]: The test tone is output from each speaker in
	[TEST TOTAL]	sequence. • [OFF]: Turns off the test tone.
		The test tone is not output even though [TEST TONE] is set to [ON] while [USB] input is selected. Select an input other than [USB].
control)	(Dynamic range	Useful for enjoying movies at low sound volume. DRC applies to Dolby Digital sources. • [ON]: Compresses sound according to the information in the content. • [OFF]: Sound is not compressed.
	[A.VOL] (Auto volume)	You can adjust the volume automatically depending on the input level from a connected device. • [ON]: Adjusts the volume automatically. • [OFF]: Off.
	. ,	You can enjoy multiplex broadcast sound when the system receives a Dolby Digital multiplex broadcast signal. • [MAIN]: Sound of the main language will be output. • [SUB]: Sound of the sub language will be output. • [M/S]: Mixed sound of both the main and sub languages will be output.
		Note To receive a Dolby Digital signal, you need to connect a TV or other device to the TV IN (OPTICAL) jack with an optical digital cable or the HDMI OUT (TV (ARC)) jack with an HDMI cable.
[HDMI] [CONTROL FOR H	[CONTROL FOR HDMI]	• [ON]: The Control for HDMI function is enabled. Devices connected with an HDMI cable can operate each other. • [OFF]: Off.
	[TV AUDIO]	You can set whether the playback sound that is input from an HDMI cable or optical digital cable. • [AUTO]: Plays the sound that is detected from either an HDMI cable or optical digital cable. When you connect either an HDMI cable or optical digital cable, the system plays by selecting the connected cable for the TV input. • [OPTICAL]: Plays the sound from the TV IN (OPTICAL) jack for the TV input.
[BT] [POWER	[POWER]	You can turn the BLUETOOTH function on or off. • [ON]: Turns the BLUETOOTH function on. • [OFF]: Turns the BLUETOOTH function off. Note
		When the BLUETOOTH function is set to off, the BLUETOOTH input is skipped while selecting input by pressing INPUT.
[:	[STANDBY]	When the system has pairing information, you can turn the system on and listen to music from a BLUETOOTH device, even when the system is in standby mode, by setting the BLUETOOTH standby mode to on. • [ON]: BLUETOOTH standby mode is enabled. • [OFF]: BLUETOOTH standby mode is disabled.
		Note While the BLUETOOTH standby mode is on, standby power consumption
[USB]	[REPEAT]	 [OFF]: Repeats off. Plays back all tracks. [ONE]: Repeats one track. [FOLDER]: Repeats all tracks in a current folder. [RANDOM]: Repeats all tracks in a current folder in random order. [ALL]: Repeats all tracks.
[SYSTEM]	[AUTO STANDBY]	 [ALL]: Repeats all tracks. [ON]: Turns on the auto standby function. When you do not operate the system for about 20 minutes, the system enters standby mode automatically. The default setting for models of the Europe countries is [ON]. [OFF]: Off. The default setting for Australia/New Zealand models is [OFF].
	[VERSION]	The current firmware version information appears in the front panel display.
[RESET]	[ALL RESET]	You can reset the system settings to the factory default. For details, see "Resetting the System."
[UPDATE]	[START]	Start the software update after connecting the USB memory on which the software update file is stored to the system. For information about the software updates, visit the following website: • For the customers in Europe https://www.sony.eu/support • For the customers in Australia or New Zealand

You can update the software of the system by pressing and holding \circ

https://www.sony-asia.com/support

Cancels the software update

[CANCEL]

Using the Control for HDMI Function

Connecting a device such as a TV or Blu-ray Disc player compatible with the Control for HDMI function* using an HDMI cable enables you to easily operate the device by using a TV or Blu-ray Disc player remote control.

These functions may work with devices other than those manufactured by Sony, but operation is not guaranteed

* Control for HDMI is a standard used by CEC (Consumer Flectronics Control) for allowing HDMI (High-Definition Multimedia Interface) devices to control each other.

Preparing to Use the Control for HDMI

Function Set [HDMI] - [CONTROL FOR HDMI] to [ON]. The default setting is [ON]. Enable the Control for HDMI function settings of

the TV and other device connected to the TV.

If you enable the Control for HDMI function when using a TV manufactured by Sony, the Control for HDMI function of the system is also enabled automatically

System Power Off Function

When you turn off the TV, the system will turn off automatically.

System Audio Control Function

If you turn on the system while you are watching the TV, the TV sound will be output from the speakers of the system. The volume of the system can be adjusted using the TV remote control. If the TV sound was output from the speakers of the system the previous time you watched the TV, the system will be turned on automatically when you

Operations can also be made by the TV's menu. For details, refer to the operating instructions of

turn on the TV again

- Sound is only output from the TV if other than [TV] input is selected when using the Twin Picture function on the TV. When you disable the Twin Picture function, the sound is output from the system.
- The number for the system's volume level is displayed on the TV screen depending on the TV. The volume number displayed on the TV may differ from the number on the front panel display of the system Depending on the settings of the TV, the System Audio Control function may not be available. For details, refer to
- the operating instructions of your TV. • Depending on the TV, if the TV sound was output from the speakers of the TV the previous time you watched the TV, the system may not turn on by interlocking with the TV power even if the TV is turned on.

Audio Return Channel (ARC)

If the system is connected to a TV's HDMI IN jack compatible with Audio Return Channel, you can listen to TV sound from the speakers of the system without connecting an optical digital

If the TV is not compatible with Audio Return Channel, an optical digital cable needs to be connected (refer to the supplied Startup Guide).

One-Touch Play Function

When you play content on a device (Blu-ray Disc player, "PlayStation®4", etc.) connected to the TV, the system and TV are turned on automatically the input of the system is switched to the TV input, and sound is output from the speakers of the system.

• If the TV sound was output from the speakers of the TV the previous time you watched the TV, the system may not turn on and the sound and picture may be output from the TV Depending on the TV, the beginning part of content being

Notes on HDMI Connections

- Use an HDMI-authorized cable.
- Use a Sony High Speed HDMI cable with the • We do not recommend using an HDMI-DVI
- conversion cable • Check the setup of the connected device if an
- image is poor or the sound does not come out of the device connected via the HDMI cable. Audio signals (sampling frequency, bit length, etc.) transmitted from an HDMI jack may be suppressed by the connected device.

Saving Power Consumption

To use the system with saving power consumption, change the following settings.

Turning the System Off by Detecting the Using State

When you set the auto standby function to on. the system enters standby mode automatically when you do not operate the system for about 20 minutes and the system is not receiving an input signal.

Set [SYSTEM] – [AUTO STANDBY] to [ON]. The default setting for models of the Europe countries is [ON]. The default setting for Australia/New Zealand models is [OFF].

Saving Power in Standby Mode

To save power consumption during the standby mode, set [BT] - [STANDBY] and [HDMI] -[CONTROL FOR HDMI] to [OFF]. The default settings for them are [ON].

Resetting the System

If the system does not operate properly, reset the system as follows.

- 1 Press MENU to turn on the menu in the front panel display.
- 2 Press ◆/◆ to select [RESET], then press ENTER.
- **3** Press **4**/**4** to select [ALL RESET], then press

4 Press ◆/♥ to select [START], then press ENTER. All the settings return to their initial status.

Select [CANCEL] in step 4. If You Cannot Perform Resetting Using

the Menu Press and hold (b) and – (volume) on the subwoofer for more than 5 seconds.

To cancel resetting

All the settings return to their initial status. The default settings are underlined on each feature

source.

• Multi-channel sound which has not been recorded as surround sound is not output from

[OFF], the sound is not output from the surround

the surround speakers.

The surround effect cannot be obtained. • Depending on the input signal and the sound mode setting, surround sound processing may

not work effectively. The surround effect may be subtle, depending on the program or disc. To play multi channel audio, check the digital audio output setting on the device connected to the system. For details, refer to the operating

instructions supplied with the connected device.

damaged.

completed.

subwoofer

subwoofer

this system.

system.

subwoofer is lit

from this system.

away from the obstacle

BLUETOOTH device.

Remote Control

sensor on the subwoofer.

on the remote control.

the supplied Startup Guide

remote control and the subwoofer

with new ones, if they are weak.

function.

subwoofer

subwoofer is lit

function is enabled.

(3) Turn the system on.

connected to the ψ (USB) port.

directly to the subwoofer.

② Remove and reconnect the USB device.

• Make sure that the USB device is securely

• Check to see if the USB device or a cable is

• If the USB device is connected via a USB hub,

connected is turned on and the BLUETOOTH

• Bring the BLUETOOTH device close to the

• Pair this system and the BLUETOOTH device

• If [BT] – [POWER] is set to [OFF], set to [ON].

• Bring the BLUETOOTH device close to the

a device that generates electromagnetic

• Make sure this system is not receiving

Pairing cannot be achieved.

again. You may need to cancel the pairing with

this system using your BLUETOOTH device first.

interference from a wireless LAN device, other

radiation is nearby, move the device away from

• Pairing may not be possible if other BLUETOOTH

devices are present around the system. In this

• Make sure that the BLUETOOTH indicator on the

radiation, such as a wireless LAN device, other

nearby, move the device away from this system.

• Remove any obstacle between this system and

the BLUETOOTH device or move this system

wireless LAN router or PC to 5 GHz range

The sound is not in sync with the image.

• When you are watching movies, you may hear

the sound with a slight delay from the image.

The remote control of this system does not

• Point the remote control at the remote control

• Remove any obstacles in the path between the

• Replace both batteries in the remote control

• Make sure you are pressing the correct button

The TV remote control does not work.

obstruct the remote control sensor of the TV.

• Install the bar speaker so that it does not

Increase the volume on the connected

BLUETOOTH devices, or a microwave oven is

Move the USB 3.0 device and its cable away

case, turn off the other BLUETOOTH devices.

Sound of the connected BLUETOOTH

mobile device is not output from the

• Bring the BLUETOOTH device close to the

• If a device that generates electromagnetic

2.4 GHz wireless devices, or a microwave oven. If

disconnect it and connect the USB device

• Make sure that the USB device is on.

If the system does not work properly, handle it in the following order.

- 1 Search for the cause and solution of the issue
- using this troubleshooting.

- **USB Device Connection**
- The USB device is not recognized. • Try the following:
- 1) Turn the system off.
- 2 Reset the system.
- All the settings of the system return to their initial status. For details, see "Resetting the

Troubleshooting

Should any problems persist, consult your nearest Sony dealer.

Power

several minutes.

your TV.

The system does not power up.

- Check that the AC power cord (mains lead) is connected securel
- **Mobile Device Connection** • Disconnect the AC power cord (mains lead) from **BLUETOOTH** connection cannot be the wall outlet (mains), and then reconnect after

The system is turned off automatically. • The auto standby function is working. Set

[SYSTEM] - [AUTO STANDBY] to [OFF].

The system does not turn on even when the TV is turned on.

- Set [HDMI] [CONTROL FOR HDMI] to [ON]. The TV must support the Control for HDMI function. For details, refer to the operating instructions of
- Check the speaker settings of the TV. The system power syncs with the speaker settings of the TV. For details, refer to the operating instructions of
- Depending on the TV, if the sound was output from the speakers of the TV the previous time, the system may not turn on by interlocking with the TV even when the TV is turned on.

The system turns off when the TV is turned Check the setting of the Control for HDMI

function. When the Control for HDMI function is

set to on and the input of the system is the TV input, the system turns off automatically when you turn off the TV. The system does not turn off even when the TV is turned off. Check the setting of the Control for HDMI

function. When you turn off the TV, the system

turns off automatically only if the input of the

system is TV input. The TV must support the

Control for HDMI function. For details, refer to

the operating instructions of your TV. Picture

There is no picture or the picture is not output correctly.

- Select the appropriate input. • When there is no picture while TV input is selected, select the TV channel that you want
- using the TV remote control. • Disconnect an HDMI cable, then connect it again. Make sure that the cable is firmly
- inserted

Sound

- No TV sound is output from the system. Check the type and connection of an HDMI cable or optical digital cable that is connected to
- Startup Guide) • Disconnect the cables that are connected between the TV and the system, then connect them firmly again. Disconnect the AC power

the system and the TV (refer to the supplied

- cords (mains leads) of the TV and the system from the AC outlets (mains), then connect them • When the system and TV are connected with an
- HDMI cable, check the following The HDMI jack of the connected TV is labeled
- with "ARC The Control for HDMI function of the TV is set
- to on. On the system, the Control for HDMI function
- If your TV is not compatible with Audio Return Channel, connect the optical digital cable (refer to the supplied Startup Guide). If the TV is not compatible with Audio Return Channel, TV sound will not be output from the system even if the system is connected to the TV's HDMI IN
- If the sound of the device that is connected to the optical input jack of the TV is not output, try the following
- Connect the cable box or satellite box directly to the TV IN (OPTICAL) jack of the system.
- Press INPUT repeatedly to select the TV input. • Increase the volume on the TV or cancel muting. • Depending on the order in which you turn on the TV and the system, the system may be muted. If this happens, turn on the TV first, then
- the system • Set the speakers setting of the TV (BRAVIA) to Audio System. Refer to the operating instructions of your TV regarding how to set the
- Check the sound output of the TV. Refer to the operating instructions of the TV for the TV
- The system supports the Dolby Digital and PCM audio formats. When you play back an unsupported format, set the digital audio out setting of the TV (BRAVIA) to "PCM." For details, refer to the operating instructions of your TV.

The sound is output from both the system and the TV.

 Change the audio output setting of the TV so that the TV sound is output from the external speaker • Set the TV volume to minimum.

- No sound or only a very low-level sound is heard from the subwoofer.
- Make sure the AC power cord (mains lead) of
- the subwoofer is connected properly (refer to the supplied Startup Guide) volume.
- A subwoofer is for reproducing bass sound. If the input sources contain very little bass sound components (i.e., a TV broadcast), the sound from the subwoofer may be difficult to hear.
- When you play content compatible with copyright protection technology (HDCP), it is not output from the subwoofer.

No sound or only a very low-level sound of the device connected to the system is heard from the system. Press → + and check the volume level.

- Make sure the input source is selected correctly. You should try other input sources by pressing
- INPUT repeatedly • Check that all the cables and cords of the system and the connected device are firmly inserted
- If the connected device supports the upsampling feature, you need to turn it off. No sound or only very low-level sound is

heard from the surround speakers. • Make sure that the cables of the surround speakers are connected properly to the

- Press and hold (power) and (volume) on the subwoofer for more than 5 seconds. subwoofer (refer to the supplied Startup Guide). When you change to the TV input from the • Check that [SPEAKER] - [MULTI SPEAKER] is set to [ON]. If [SPEAKER] - [MULTI SPEAKER] is set to
- speakers when playing the sound of 2-channel

 This screen is an example for English • Select the TV program by using the TV remote

Specifications

Subwoofer (SA-WS20R) Amplifier section

- at 4 ohms, 1 kHz) Subwoofer: 65 W (at 4 ohms, 100 Hz)
 - puts TV IN (OPTICAL)

 - Output HDMI OUT (TV (ARC))

HDMI section Type A (19pin)

BLUETOOTH section

- Make sure that the BLUETOOTH indicator on the • Make sure the BLUETOOTH device to be
 - - < 6 dBm

 - A2DP (Advanced Audio Distribution Profile) AVRCP (Audio Video Remote Control Profile)
 - 20 Hz 20,000 Hz (Sampling frequency 32 kHz, 44.1 kHz, 48 kHz)
 - between devices, magnetic fields around a microwave oven, static electricity, cordless phone use, reception sensitivity, the operating system, software applications, etc.
 - nmunication between devices
 - Codec: Audio signal compression and conversion format Abbreviation for Subband Codec
 - Speaker section
 - beaker system Subwoofer system, Bass reflex
 - 160 mm cone type General
 - 220 V 240 V AC, 50 Hz/60 Hz
 - set to [OFF]) Standby mode: 2 W or less* (When [CONTROL FOR HDMI] in [HDMI] and [STANDBY] in [BT] are
 - set to [ON]) The system will automatically enter Power saving mode when there is no HDMI connection and no BLUETOOTH pairing

Standby mode: 0.5 W or less (Power Saving mode) When [CONTROL FOR HDMI] in [HDMI] and [STANDBY] in [BT] are

- 192 mm × 387 mm × 342 mm
- Not Including projection portion
- Bar Speaker (SS-S20R)

760 mm × 52 mm × 86 mm

Full range speaker system, Bass reflex 42 mm × 100 mm cone type • Reposition the connected BLUETOOTH device. imensions* (approx.) (w/h/d • Switch the wireless LAN frequency of any nearby

Not Including projection portion

- Surround Speakers (SS-SS20R) Full range speaker system, Bass reflex 65 mm cone type
- Not Including projection portion

Design and specifications are subject to change without notice.

Playable Types of Files (USB

Input)	•	
Codec	Extension	
MP3 (MPEG-1 Audio Layer III)	.mp3	

• The system does not play coded files such as DRM and

• The system can recognize the following files or folders in

– up to 200 folders (including empty folders and root

up to folders in the 8th layer (including the root folder)

Supported Input Audio Formats

(HDMI OUT (TV (ARC)) or TV IN

Audio formats supported by this system are as

On BLUETOOTH Communication

approximately 10 meters (33 feet) (unobstructed

BLUETOOTH devices should be used within

communication range may become shorter

When a person, metal object, wall or other

Locations where a wireless LAN is installed

Locations where other electromagnetic waves

802.11b/g/n) use the same frequency band (2.4

GHz). When using your BLUETOOTH device near

could result in lower data transfer rates, noise, or

electromagnetic interference may occur. This

Use this system at least 10 meters (33 feet)

- Turn off the power to the wireless LAN device

- Install this system and BLUETOOTH device as

The radio waves broadcast by this system may

interfere with the operation of some medical

devices. Since this interference may result in

- In hospitals, on trains, in airplanes, at gas

• This system supports security functions that

comply with the BLUETOOTH specification to

communication using BLUETOOTH technology.

depending on the setting contents and other

factors, so always be careful when performing

communication using BLUETOOTH technology.

information leaks during communication using

prescribed by the Bluetooth SIG, Inc., and must

be certified to comply. However, even when a

specification, there may be cases where the

BLUETOOTH device make it impossible to

device complies with the BLUETOOTH

characteristics or specifications of the

However, this security may be insufficient

• Sony cannot be held liable in any way for

damages or other loss resulting from

Near automatic doors or fire alarms

gasses may be present

ensure secure connection during

stations, and any place where flammable

malfunction, always turn off the power on this

system and BLUETOOTH device in the following

when using your BLUETOOTH device within 10

inability to connect. If this happens, try the

away from the wireless LAN device.

closer to each other as possible.

Around microwave ovens that are in use

BLUETOOTH devices and wireless LAN (IEEE

a device with wireless LAN capability,

following remedies

meters (33 feet)

locations:

obstruction is between the devices with a

distance) of each other. The effective

under the following conditions.

BLUETOOTH connection

Some USB devices may not work with this system

• The system can recognize Mass Storage Class (MSC)

- up to 200 tracks in one folder

• The sampling frequency is up to 48kHz.

• Linear PCM 2ch (up to 48kHz)

.wma

.wav

LPCM (2ch)

WMA9 Standard

USB devices:

(OPTICAL))

Dolby Digital

The Control for HDMI function does not • Some files may not play or may play with no sound work properly. depending on the file format, the file encoding, or the • Check the connection with the system (refer to • Some files edited on a PC may not play.

- Enable the Control for HDMI function on the TV. For details, refer to the operating instructions of • Wait a while, and then try again. If you unplug
- the system, it will take a while before operations can be made. Wait for 15 seconds or longer, and then try again. • Make sure the devices connected to the system
- Enable the Control for HDMI function of the devices connected to the system. For details, refer to the operating instructions of your device • The type and number of devices that can be controlled by the Control for HDMI function is

restricted by the HDMI CEC standard as follows

support the Control for HDMI function.

- Recording devices (Blu-ray Disc recorder, DVD) recorder, etc.): up to 3 devices
- Playback devices (Blu-ray Disc player, DVD player, etc.): up to 3 devices Tuner-related devices: up to 4 devices

Audio system (receiver/ headphone): up to 1

device (used by this system) [PROTECT] appears in the front panel display of the subwoofer, the sound is muted, and buttons on the remote control or subwoofer other than () (power) do not

• The protection feature is activated. Press () (power) to turn the system off and disconnect the AC power cord (mains lead) and check the items below - Make sure that the ventilations of the

subwoofer are not covered and turn on the

work.

system after a while. When the system is using the USB connection. remove the USB device and turn on the system. If the system operates properly, the current of the connected USB device is over the maximum output current of the system 500 mA, or the USB device may have an abnormality.

The front panel display of the subwoofer is not lit. • Press DIMMER to set the brightness to [BRIGHT]

or [DARK] if set to [OFF] Sensors of the TV do not work properly. • The bar speaker may block some sensors (such

as the brightness sensor), the remote control receiver of your TV or the emitter for 3D glasses (infrared transmission) of a 3D TV that supports the infrared 3D glass system, or wireless communication. Move the bar speaker away from the TV within a range that allows those parts to operate properly. For the locations of the sensors and remote control receiver, refer to the operating instructions supplied with the TV. The system does not work properly

([.DEMO] appears in the front panel display). • The system is in demo mode. To cancel demo mode, reset the system.

USB input by pressing INPUT, the message appears. Please select the desired TV channel with the TV's remote control.

> BLUETOOTH technology. • BLUETOOTH communication is not necessarily guaranteed with all BLUETOOTH devices that have the same profile as this system • BLUETOOTH devices connected with this system must comply with the BLUETOOTH specification

- Front L + Front R: 45 W + 45 W (at 4 ohms, 1 kHz, 1% THD) Front L/Front R/Surround L/Surround R/Center: 67 W (per channel
- ANALOG IN

√ (USB) port:

USB section

- BLUETOOTH Specification version 5.0
- BLUETOOTH Specification Power Class 1 Line of sight approx. 10 m¹⁾
- 2.4 GHz band (2.4000 GHz 2.4835 GHz) Maximum output power
- Modulation method FHSS (Freq Hopping Spread Spectrum) Compatible BLUETOOTH profiles²⁾
- Supported Codec³
- The actual range will vary depending on factors such as obstacles MPEG Layer-3 audio coding technology and patents licensed from Fraunhofer IIS and
- Thomson. BLUETOOTH standard profiles indicate the purpose of BLUETOOTH Windows Media is either a registered trademark
 - or trademark of Microsoft Corporation in the United States and/or other countries. This product is protected by certain intellectual property rights of Microsoft Corporation. Use or

All other trademarks are trademarks of their respective owners

distribution of such technology outside of this

Microsoft or an authorized Microsoft subsidiary.

product is prohibited without a license from

connect, or may result in different control

Noise may occur or the audio may cut off

with this system, the communications

environment, or surrounding conditions

Copyrights and Trademarks

* Manufactured under license from Dolby Laboratories

Dolby, Dolby Audio and the double-D symbol are

Multimedia Interface, and the HDMI Logo are

trademarks or registered trademarks of HDMI

The BLUETOOTH® word mark and logos are

Inc. and any use of such marks by Sony

registered trademarks owned by Bluetooth SIG.

Corporation is under license. Other trademarks

"BRAVIA" logo is a trademark of Sony Corporation.

trademark of Sony Interactive Entertainment Inc.

and trade names are those of their respective

"PlayStation" is a registered trademark or

This system incorporates Dolby* Digital.

The terms HDMI, HDMI High-Definition

trademarks of Dolby Laboratories.

Licensing Administrator, Inc.

depending on the BLUETOOTH device connected

If you have any questions or problems concerning

your system, please consult your nearest Sony

methods, display or operation.

VARNING

Do not install the system in a confined space

such as a bookcase or built-in cabinet. To reduce the risk of fire, do not cover the ventilation opening of the system with newspapers, tablecloths, curtains, etc. Do not expose the system to naked flame sources

(for example, lighted candles).

To reduce the risk of fire or electric shock, do not expose this system to dripping or splashing, and do not place objects filled with liquids, such as vases, on the system.

The system is not disconnected from the mains as long as it is connected to the AC outlet, even if the system itself has been turned off.

from the mains, connect the system to an easily accessible AC outlet. Should you notice an abnormality in the system, disconnect the main plug from the AC outlet

Risk of explosion if the battery is replaced by an

As the main plug is used to disconnect the system

incorrect type. Do not expose batteries or appliances with

Indoor use only

immediately

CAUTION

battery-installed to excessive heat, such as sunshine and fire

Do not place this product close to medical devices This product (including accessories) has magnet(s) which may interfere with pacemakers. programmable shunt valves for hydrocephalus treatment, or other medical devices. Do not place

medical devices. Consult your doctor before using

this product close to persons who use such

this product if you use any such medical device. Recommended cables

Properly shielded and grounded cables and connectors must be used for connection to host computers and/or peripherals.

For the bar speaker and surround

speakers The nameplates are located on the bottom of the bar speaker and surround speakers.

This equipment has been tested and

found to comply with the limits set out in the EMC regulation using a connection cable shorter than 3 meters.

For the customers in Europe Notice for customers: the following information is only applicable to equipment sold in countries applying

EU directives. This product has been manufactured by or on behalf of Sony Corporation.

EU Importer: Sony Europe B.V. Inquiries to the EU Importer or related to product compliance in Europe should be sent to the manufacturer's authorized representative, Sony

Hereby, Sony Corporation declares that this equipment is in compliance with Directive 2014/53/FU. The full text of the EU declaration of conformity is available at the following internet address:

http://www.compliance.sonv.de/

Belgium, bijkantoor van Sony Europe B.V., Da

Vincilaan 7-D1, 1930 Zaventem, Belgium.

of the Directive 2014/53/EU. The software version can be found in [SYSTEM] -[VERSION].

Disposal of waste

This radio equipment is intended to be used with

indicated in the EU Declaration of Conformity. The

verified to comply with the essential requirements

the approved version(s) of software that are

software loaded on this radio equipment is



batteries and electrical and electronic equipment (applicable in the **European Union and** other countries with separate collection systems) This symbol on the product, the battery or on the packaging indicates that the product and the

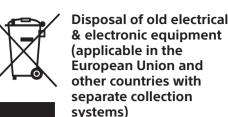
On certain batteries this symbol might be used in combination with a chemical symbol. The chemical symbol for lead (Pb) is added if the battery contains more than 0.004% lead. By ensuring that these products and batteries are disposed of correctly, you will help to prevent potentially negative consequences for the environment and human health which could be caused by inappropriate waste handling. The recycling of the materials will help to conserve natural resources. In case of products that for safety, performance or data integrity reasons require a permanent connection with an incorporated battery, this battery should be replaced by qualified service staff only. To ensure that the battery and the electrical and electronic

battery shall not be treated as household waste.

equipment will be treated properly, hand over these products at end-of-life to the appropriate collection point for the recycling of electrical and electronic equipment. For all other batteries, please view the section on how to remove the battery from the product safely. Hand the battery over to the appropriate collection point for the recycling of waste batteries. For more detailed information about recycling of this product or battery, please contact your local Civic Office, your household waste disposal service or the shop

where you purchased the product or battery.

For the customers in Australia



& electronic equipment (applicable in the **European Union and** other countries with separate collection systems)

For the customers in Australia or New Zealand

It should be installed and operated with at least 20 cm and more between the radiator and person's body (excluding extremities: hands, wrists, feet and ankles).

Precautions

On safety

- Should any solid object or liquid fall into the system, unplug the system and have it checked by qualified personnel before operating it any
- Do not touch the AC power cord (mains lead) with wet hands. Doing so may cause an electric
- surround speakers as you may fall down and

• Do not climb on the bar speaker, subwoofer and

injure yourself, or system damage may result. On power sources • Before operating the system, check that the operating voltage is identical to your local power

nameplate at the rear of the subwoofer

supply. The operating voltage is indicated on the

• If you are not going to use the system for a long

time, be sure to disconnect the system from the wall outlet (mains). To disconnect the AC power cord (mains lead), grasp the plug itself; never pull the cord.

• AC power cord (mains lead) must be changed

Although the system heats up during operation, this is not a malfunction. If you continuously use

the life of the system.

surround speakers.

and unplug the system

types of TV.

On cleaning

the subwoofer

On heat buildup

only at a qualified service shop.

this system at high volume, the system

temperature rises considerably. To avoid burning yourself, do not touch the system. On placement

• Place the system in a location with adequate

ventilation to prevent heat buildup and prolong

- Do not place the system near heat sources or in a place subject to direct sunlight, excessive dust, or mechanical shock. Do not place the bar speaker, subwoofer and
- the bar speaker, subwoofer and surround speakers that might block the ventilation holes and cause malfunctions. • If the system is being used in combination with
- picture quality may be affected. In this case, place the system away from the TV, VCR, or tape • Use caution when placing the system on a surface that has been specially treated (with
- wax, oil, polish, etc.), as staining or discoloration of the surface may result. • Take care to avoid any possible injury from the corners of the bar speaker, subwoofer and

• Keep 3 cm or more space under the bar speaker and surround speakers when you hang it on a

On operation Before connecting other device, be sure to turn off

If you encounter color irregularity on a nearby TV screen Color irregularities may be observed on certain

If color irregularity is observed... Turn off the TV, then turn it on again after 15 to 30 minutes. • If color irregularity is observed again... Place the system further away from the TV.

Clean the system with a soft, dry cloth. Do not use

solvent such as alcohol or benzine. On handling the subwoofer Do not place your hand into the slit of the subwoofer when lifting it. The speaker driver may

be damaged. When lifting it, hold the bottom of

If you have any question or problem concerning

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your system, please consult your nearest Sony

any type of abrasive pad, scouring powder, or

https://www.sony.net/

surround speakers on a soft surface (rugs, blankets, etc.) or place anything at the rear of

a TV, VCR, or tape deck, noise may result and